

10/533833

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SEQUENCE LISTING

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NAKAYAMA, Yutaka

<120> RECEPTOR REGULATOR

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<150> PCT/JP03/14101
<151> 2003-11-05

<150> JP 2002-322534
<151> 2002-11-06

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35 40 45
Val Val Gly Ala Val Gly Asn Gly Leu Thr Cys Leu Val Ile Leu Arg
50 55 60
His Lys Ala Met Arg Thr Pro Thr Asn Tyr Tyr Leu Phe Ser Leu Ala
65 70 75 80
Val Ser Asp Leu Leu Val Leu Leu Val Gly Leu Pro Leu Glu Leu Tyr
85 90 95
Glu Met Trp His Asn Tyr Pro Phe Leu Leu Gly Val Gly Gly Cys Tyr
100 105 110
Phe Arg Thr Leu Leu Phe Glu Met Val Cys Leu Ala Ser Val Leu Asn
115 120 125
Val Thr Ala Leu Ser Val Glu Arg Tyr Val Ala Val Val His Pro Leu
130 135 140
Gln Ala Arg Ser Met Val Thr Arg Ala His Val Arg Arg Val Leu Gly
145 150 155 160
Ala Val Trp Gly Leu Ala Met Leu Cys Ser Leu Pro Asn Thr Ser Leu
165 170 175
His Gly Ile Arg Gln Leu His Val Pro Cys Arg Gly Pro Val Pro Asp
180 185 190
Ser Ala Val Cys Met Leu Val Arg Pro Arg Ala Leu Tyr Asn Met Val
195 200 205
Val Gln Thr Thr Ala Leu Leu Phe Phe Cys Leu Pro Met Ala Ile Met
210 215 220
Ser Val Leu Tyr Leu Leu Ile Gly Leu Arg Leu Arg Arg Glu Arg Leu
225 230 235 240
Leu Leu Met Gln Glu Ala Lys Gly Arg Gly Ser Ala Ala Ala Arg Ser

245	250	255	
Arg Tyr Thr Cys Arg Leu Gln Gln His Asp Arg Gly Arg Arg Gln Val			
260	265	270	
Thr Lys Met Leu Phe Val Leu Val Val Val Phe Gly Ile Cys Trp Ala			
275	280	285	
Pro Phe His Ala Asp Arg Val Met Trp Ser Val Val Ser Gln Trp Thr			
290	295	300	
Asp Gly Leu His Leu Ala Phe Gln His Val His Val Ile Ser Gly Ile			
305	310	315	320
Phe Phe Tyr Leu Gly Ser Ala Ala Asn Pro Val Leu Tyr Ser Leu Met			
325	330	335	
Ser Ser Arg Phe Arg Glu Thr Phe Gln Glu Ala Leu Cys Leu Gly Ala			
340	345	350	
Cys Cys His Arg Leu Arg Pro Arg His Ser Ser His Ser Leu Ser Arg			
355	360	365	
Met Thr Thr Gly Ser Thr Leu Cys Asp Val Gly Ser Leu Gly Ser Trp			
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Asp Pro Ser			
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Gln Met Lys Gln Phe Val Pro Ile Cys Val Thr Tyr Leu Leu Ile Phe			
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Val Val Gly Thr Leu Gly Asn Gly Leu Thr Cys Thr Val Ile Leu Arg			
50	55	60	
Asn Lys Thr Met Arg Thr Pro Thr Asn Phe Tyr Leu Phe Ser Leu Ala			
65	70	75	80
Val Ser Asp Met Leu Val Leu Leu Val Gly Leu Pro Leu Glu Leu Tyr			
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Glu Met Gln Gln Asn Tyr Pro Phe Gln Leu Gly Ala Ser Ala Cys Tyr			
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Phe Arg Ile Leu Leu Glu Thr Val Cys Leu Ala Ser Val Leu Asn			
115	120	125	
Val Thr Ala Leu Ser Val Glu Arg Tyr Val Ala Val Val Arg Pro Leu			
130	135	140	
Gln Ala Lys Ser Val Met Thr Arg Ala His Val Arg Arg Met Val Gly			
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Ala Ile Trp Val Leu Ala Thr Leu Phe Ser Leu Pro Asn Thr Ser Leu			
165	170	175	
His Gly Leu Ser Gln Leu Thr Val Pro Cys Arg Gly Pro Val Pro Asp			
180	185	190	
Ser Ala Ile Cys Ser Leu Val Gly Pro Met Asp Phe Tyr Lys Leu Val			
195	200	205	
Val Leu Thr Thr Ala Leu Leu Phe Phe Cys Leu Pro Met Val Thr Ile			
210	215	220	
Ser Val Leu Tyr Leu Leu Ile Gly Leu Arg Arg Glu Arg Met			

225	230	235	240												
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				245		250									255
Thr	Ser	His	Arg	Arg	Ile	Gln	Leu	Gln	Asp	Arg	Gly	Arg	Arg	Gln	Val
					260		265								270
Thr	Lys	Met	Leu	Phe	Ala	Leu	Val	Val	Val	Phe	Gly	Ile	Cys	Trp	Ala
					275		280								285
Pro	Phe	His	Ala	Asp	Arg	Ile	Met	Trp	Ser	Leu	Val	Tyr	Gly	His	Ser
					290		295								300
Thr	Glu	Gly	Leu	His	Leu	Ala	Tyr	Gln	Cys	Val	His	Ile	Ala	Ser	Gly
					305		310								320
Ile	Phe	Phe	Tyr	Leu	Gly	Ser	Ala	Ala	Asn	Pro	Val	Leu	Tyr	Ser	Leu
					325		330								335
Met	Ser	Thr	Arg	Phe	Arg	Glu	Thr	Phe	Leu	Gln	Ala	Leu	Gly	Leu	Gly
					340		345								350
Thr	Gln	Cys	Cys	His	Arg	Arg	Gln	Pro	Tyr	His	Gly	Ser	His	Asn	His
					355		360								365
Ile	Arg	Leu	Thr	Thr	Gly	Ser	Thr	Leu	Cys	Asp	Val	Gly	His	Arg	Asn
					370		375								380
Ser	Arg	Asp	Glu	Pro	Leu	Ala	Val	Asn	Glu	Asp	Pro	Gly	Cys	Gln	Gln
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Glu	Thr	Asp	Pro	Ser											
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					20									30	
Leu	Ala	Phe	Leu	Cys	Gly	Pro	Arg	Arg	Ser	His	Phe	Phe	Leu	Pro	Val
					35									45	
Ser	Val	Val	Tyr	Val	Pro	Ile	Phe	Val	Val	Gly	Val	Ile	Gly	Asn	Val
					50									60	
Leu	Val	Cys	Leu	Val	Ile	Leu	Gln	His	Gln	Ala	Met	Lys	Thr	Pro	Thr
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Asn	Tyr	Tyr	Leu	Phe	Ser	Leu	Ala	Val	Ser	Asp	Leu	Leu	Val	Leu	Leu
					85									95	
Leu	Gly	Met	Pro	Leu	Glu	Val	Tyr	Glu	Met	Trp	Arg	Asn	Tyr	Pro	Phe
					100									110	
Leu	Phe	Gly	Pro	Val	Gly	Cys	Tyr	Phe	Lys	Thr	Ala	Leu	Phe	Glu	Thr
					115									125	
Val	Cys	Phe	Ala	Ser	Ile	Leu	Ser	Ile	Thr	Thr	Val	Ser	Val	Glu	Arg
					130									140	
Tyr	Val	Ala	Ile	Leu	His	Pro	Phe	Arg	Ala	Lys	Leu	Gln	Ser	Thr	Arg
					145									160	
Arg	Arg	Ala	Leu	Arg	Ile	Leu	Gly	Ile	Val	Trp	Gly	Phe	Ser	Val	Leu
					165									175	
Phe	Ser	Leu	Pro	Asn	Thr	Ser	Ile	His	Gly	Ile	Lys	Phe	His	Tyr	Phe
					180									190	
Pro	Asn	Gly	Ser	Leu	Val	Pro	Gly	Ser	Ala	Thr	Cys	Thr	Val	Ile	Lys
					195									205	
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210	215	220													
Tyr	Leu	Leu	Pro	Met	Thr	Val	Ile	Ser	Val	Leu	Tyr	Tyr	Leu	Met	Ala
225					230					235					240
Leu	Arg	Leu	Lys	Lys	Asp	Lys	Ser	Leu	Glu	Ala	Asp	Glu	Gly	Asn	Ala
					245				250					255	
Asn	Ile	Gln	Arg	Pro	Cys	Arg	Lys	Ser	Val	Asn	Lys	Met	Leu	Phe	Val
					260				265					270	
Leu	Val	Leu	Val	Phe	Ala	Ile	Cys	Trp	Ala	Pro	Phe	His	Ile	Asp	Arg
					275				280					285	
Leu	Phe	Phe	Ser	Phe	Val	Glu	Glu	Trp	Ser	Glu	Ser	Leu	Ala	Ala	Val
					290				295					300	
Phe	Asn	Leu	Val	His	Val	Val	Ser	Gly	Val	Phe	Phe	Tyr	Leu	Ser	Ser
305						310				315					320
Ala	Val	Asn	Pro	Ile	Ile	Tyr	Asn	Leu	Leu	Ser	Arg	Arg	Phe	Gln	Ala
						325				330					335
Ala	Phe	Gln	Asn	Val	Ile	Ser	Ser	Phe	His	Lys	Gln	Trp	His	Ser	Gln
						340				345					350
His	Asp	Pro	Gln	Leu	Pro	Pro	Ala	Gln	Arg	Asn	Ile	Phe	Leu	Thr	Glu
						355				360					365
Cys	His	Phe	Val	Glu	Leu	Thr	Glu	Asp	Ile	Gly	Pro	Gln	Phe	Pro	Cys
						370				375					380
Gln	Ser	Ser	Met	His	Asn	Ser	His	Leu	Pro	Thr	Ala	Leu	Ser	Ser	Glu
385						390				395					400
Gln	Met	Ser	Arg	Thr	Asn	Tyr	Gln	Ser	Phe	His	Phe	Asn	Lys	Thr	
						405				410					415